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(54) Title: p-53 BINDING PROTEIN CALLED Mdmx AND ENCODING SEQUENCES FOR SAID PROTEIN**(57) Abstract**

The present invention provides a method to identify new proteins associating to the p53 tumor suppressor protein as well as elucidating the genes encoding said proteins, with some examples of cDNAs isolated this way. It also relates to the results of said method, which are novel proteins having affinity for p53, as well as genes and other nucleic acid molecules encoding these novel proteins. In particular the invention also provides such a novel protein and its encoding sequences, which protein has homology with the Mdm2 protein and which therefore has been designated as Mdmx.